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United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

JUNE, 1931

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Any five of the general publications listed herein, except those otherwise noted, may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts. As many as five additional publications may be sent free if the applicant gives sufficient proof that they are urgently needed. Free distribution of periodicals is restricted.

After the department's supply is exhausted, publications may still be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., but by purchase only, and at the prices stated herein.

☞Send all remittances to the Superintendent of Documents direct. His office is not a part of the Department of Agriculture.

GENERAL PUBLICATIONS

FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

The red spider on cotton and how to control it. E. A. McGregor, Bureau of Entomology. 15 p., illus. (Farmers' Bulletin 831F., rev.) Price, 5¢.

How to detect outbreaks of insects and save the grain crops. W. R. Walton, Bureau of Entomology. 21 p., illus. (Farmers' Bulletin 835F., rev.) Price, 5¢.

Fleas and their control. F. C. Bishopp, Bureau of Entomology. 16 p., illus. (Farmers' Bulletin 897F., rev.) Price, 5¢.

Some common disinfectants. M. Dorset, Bureau of Animal Industry. 10 p. (Farmers' Bulletin 926F., rev.) Price, 5¢.

The stable fly: How to prevent its annoyance and its losses to livestock. F. C. Bishopp, Bureau of Entomology. 18, illus. (Farmers' Bulletin 1097F., rev.) Price, 5¢.

Tuberculosis of fowls. Bernard A. Gallagher, Bureau of Animal Industry. 6 p., illus. (Farmers' Bulletin 1200F., rev.) Price, 5¢.

Clothes moths and their control. E. A. Back, Bureau of Entomology. 30 p., illus. (Farmers' Bulletin 1353F., rev.) Price, 5¢.

Feeding chickens. M. A. Jull and A. R. Lee, Bureau of Animal Industry. 22 p., illus. (Farmers' Bulletin 1541F., rev.) Price, 5¢.

Insects attacking the peach in the South and how to control them. Oliver I. Snapp, Bureau of Entomology. 42 p., illus. (Farmers' Bulletin 1557F., rev.) Price, 10¢.

Chalcid control in alfalfa-seed production. V. L. Wildermuth, Bureau of Entomology. 14 p., illus. (Farmers' Bulletin 1642F.) Price, 5¢.

This bulletin contains a brief account of the life history and habits of the chalcid and of the nature and extent of its damage to the alfalfa-seed crop.

The silverfish as a pest of the household. E. A. Back, Bureau of Entomology. 6 p., illus. (Farmers' Bulletin 1665F.) Price, 5¢.

Describes the life history, habits, and remedies for control of this common household insect. Of particular interest to apartment house owners and hotel managers because of the economic losses resulting from the spread of this pest.

LEAFLETS

This series carries popular material of the same general character as that carried by the Farmers' Bulletins except that the leaflets are confined to specific practical directions, recommendations, remedies, and methods. They are brief and concise, written in informal, popular style, and are limited to eight pages.

Care of the dairy calf. J. B. Shepherd, Bureau of Dairy Industry. 8 p., illus. (Leaflet 20L., rev.) Price, 5¢.

Eggs at any meal. Lucy M. Alexander, Bureau of Home Economics and Bureau of Animal Industry, and Fanny Walker Yeatman, Bureau of Home Economics. 8 p., illus. (Leaflet 39L., rev.) Price, 5¢.

English sparrow control. E. R. Kalmbach, Bureau of Biological Survey. 8 p., illus. (Leaflet 61L., rev.) Price, 5¢.

Slip covers. Bess M. Viemont, Bureau of Home Economics. 8 p., illus. (Leaflet 76L.) Price, 5¢.

Describes how slip covers may be used in every room in the house throughout the year. They have become an accepted part of home furnishing and decoration. It advises concerning the selection of materials and gives directions for their construction.

TECHNICAL BULLETINS

The Technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited, as they are intended primarily for scientific workers and subject-matter specialists.

A method of determining the volume and tonnage of haystacks. W. H. Hosterman, Bureau of Agricultural Economics. 36 p., illus. (Technical Bulletin 239T.) Price, 10¢.

Comparisons are made between the rules for determining volume in use at present and a new set of formulas developed from the data collected. Gives data on the number of cubic feet of hay required per ton for various lengths of time from date of stacking to date of measuring.

Harvesting small grain, soybeans, and clover in the Corn Belt with combines and binders. L. A. Reynoldson, Bureau of Agricultural Economics; W. R. Humphries, Bureau of Public Roads; and J. H. Martin, Bureau of Plant Industry. 55 p., illus. (Technical Bulletin 244T.) Price, 15¢.

Presents the data necessary to farmers in deciding whether to buy a combine or to continue harvesting with their present equipment. Makes comparisons between different harvesting methods in order to assist farmers who are considering the purchase of a combine for harvesting their various crops.

The relation of season of wounding and shellacking to callus formation in tree wounds. Rush P. Marshall, Bureau of Plant Industry. 29 p., illus. (Technical Bulletin 246T.) Price, 10¢.

It describes the many practices relating to the improvement and treatment of shade trees, especially regarding the pruning needs of and cavity work on individual species.

CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

Hedging in grain futures. J. M. Mehl, Grain Futures Administration. 104 p., illus. (Circular 151C.) Price, 25¢.

Deals with the subject of hedging, especially as applied to the handling of grain at country elevators. Its purpose is to acquaint readers with the various kinds of protective use to be made of the futures market and to explain some of the fundamentals to be observed in connection with such use.

A simple chemical test for predetermining the culinary quality of potatoes as affected by the accumulation of soluble sugars. Walter M. Peacock and Byron C. Brunstetter, Bureau of Plant Industry. 4 p., illus. (Circular 155C.) Price, 10¢.

Intended to aid potato chip manufacturers who must have potatoes with a low content of soluble sugars, and buyers for hotels and restaurants where high-grade cooked potatoes are desired. The circular describes a calorimetric method for predetermining the culinary quality of the potato and the resulting color indicates its suitability for chip production.

Field observations on strawberry dwarf. Neil E. Stevens, Bureau of Plant Industry. 8 p., illus. (Circular 174C.) Price, 5¢.

The history and distribution of this disease is presented, together with such information as may be of practical value to pathologists, nurserymen, strawberry growers, and others.

MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the department, particularly those of a size other than octavo. Such publications were formerly issued as Miscellaneous Circulars.

Glossary of botanical terms commonly used in range research. W. A. Dayton, Forest Service. 40 p., illus. (Miscellaneous Publication 110 MP.) Price 15¢.

The United States Weather Bureau. Compiled by E. B. Calvert, meteorologist. 34 p., illus. (Miscellaneous Publication 114MP.) Price, 5¢.

Discusses the practical application of the Weather Bureau through the medium of the electric telegraph, radio, and other forms of communication, in the performance of a systematic and continuous service to the public, and in the interest of agriculture, commerce, and navigation.

SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey; and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area surveyed and to soil specialists. All requests for Soil Surveys are referred to the Bureau of Chemistry and Soils, which controls their distribution.

California, The Clear Lake area. (No. 13, 1927.) Price, 15¢.

Nebraska, Lincoln County. (No. 35, 1926.) Price, 15¢.

Ohio, Butler County. (No. 12, 1927.) Price, 20¢.

Wisconsin, Manitowoc County. (No. 34, 1926.) Price, 15¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Modification of Japanese beetle quarantine regulations. Plant Quarantine and Control Administration. 4 p. (PQCA–Q48, Rev. of Regs. 6 and 9. Effective June 15, 1931.) Price, 5¢.

Notices of judgment under the food and drugs act. Food and Drug Administration: Pp. 465–504. (N. J., F. D. 17751–17800); pp. 505–516. (N. J., F. D. 17801–17825); pp. 517–556. (N. J., F. D. 17826–17875); pp. 557–568. (N. J., F. D. 17876–17900); pp. 569–587. (N. J., F. D. 17901–17925); pp. 589–624. (N. J., F. D. 17926–17975); pp. 625–636. (N. J., F. D. 17976–18000). June, 1931. Price, 5¢ each.

Regulations governing the appraisement of and compensation for tuberculous and paratuberculous cattle condemned and destroyed in the control and eradication of tuberculosis and paratuberculosis of animals. 4 p. (B. A. I. Order 329.) Price, 5¢.

OTHER PUBLICATIONS

Aunt Sammy's radio recipes revised. Ruth Van Deman and Fanny Walker Yeatman, Bureau of Home Economics. 142 p. Price, 10¢.

Emergency low-cost food supply which will help pellagra (Supplement to The family's food at low cost). Hazel K. Stiebeling, Bureau of Home Economics; Miriam Birdseye, Extension Service; United States Department of Agriculture; and Clyde B. Schuman, American Red Cross. 1 p. Price, 5¢.

Plant material introduced by the Division of Foreign Plant Introduction, Bureau of Plant Industry, October 1 to December 31, 1929 (Nos. S1620–S2599). 48 p. (B. P. I. Inventory 101.) Price, 5¢.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 15, No. 6, June 1, 1931. Price, 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

UNIVERSITY OF FLORIDA
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Climatological data. Vol. 18, No. 2, February, 1931.

In 42 sections, containing weather statistics for 42 separate sections, each corresponding, as a rule, to a State. Monthly information for 1 section is 50¢ a year; for data regarding all 42 sections, 35¢ a month, or $4 a year.[1] Not for general distribution.

Crops and markets. Vol. 8, No. 5, May, 1931. Price, 5¢ a copy; 60¢ a year, domestic; 85¢ a year, foreign.[1]

Statistics concerning crops and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily, except Sundays and holidays, 25¢ a month, $3.00 a year; daily, including Sundays and holidays, 30¢ a month, $3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscriptions, $7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States; 20¢ a month, $2.40 a year.[1]

Experiment station record. Vol. 63, Index Number; Vol. 64, No. 9, June, 1931. Abstract Number; Vol. 65, No. 1, July, 1931. Single numbers for sale only. Price, 10¢.[1]

A technical review of the world's scientific literature pertaining to agriculture. Two volumes a year, of 10 numbers each; 75¢ a volume, domestic; $1.25 a volume, foreign.

Extension service review. Vol 2, No. 6, June, 1931. Illus. Price, 5¢ a copy; 50¢ a year, domestic; 75¢ a year, foreign.[1]

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

Forest worker. Vol. 7, No. 3, May, 1931. Price, 5¢ a copy; 25¢ a year, domestic; 35¢ a year, foreign.[1]

News of State, forestry, forestry education, private forestry, and the work of the Forest Service.

Journal of agricultural research. Price, 20¢ a copy; $4 a year, domestic; $5.25 a year, foreign.[1] Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work. Separates of articles are distributed free to those desiring them as long as the limited supply lasts.

——— Vol. 42, No. 11. June 1, 1931. illus.

CONTENTS:

Progressive changes in the waxlike coating on the surface of the apple during growth and storage. Key No. G–77. K. S. Markley and Charles E. Sando.

An analysis of the effects of Diplodia infection and treatment of seed corn. Key No. Nebr.–12. T. A. Kiesselbach and J. O. Culbertson.

The order, rate, and regularity of blooming in the cotton plant. Key No. Ark.–16. C. K. McClelland and J. Winston Neely.

A comparison of methods for determining the volume-weight of soils. Key No. N. Mex.–3. Albert S. Curry.

Percentage dry matter and field weight of ear corn from unlimed and limed plots. Key No. N. J.–20. A. W. Blair.

Correlated inheritance in a cross (Sevier × Dicklow) × Dicklow wheats. Key No. Utah–26. George Stewart and R. K. Bischoff.

Ammonification of nitrogenous substances by pure cultures of microorganisms. Key No. Utah–27. H. C. Pulley.

Monthly weather review. Vol. 58. Table of Contents and Index. 1930. Vol. 59, No. 3, March, 1931. Illus. Price, 15¢ a copy; $1.50 a year, domestic; $2.25 a year, foreign.[1] Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretative summary, and (3) climatological tables.

Public roads. Vol. 10, Index. March, 1929–February, 1930; Vol. 12, No. 3, May, 1931. Illus. Price, 10¢ a copy; $1 a year, domestic; $1.50 a year, foreign.[1]

The official record. Vol. 10, Nos. 23–26. June 6, 13, 20, 27, 1931. Price, 5¢ a copy; 50¢ a year, domestic; $1.10 a year, foreign.[1]

Contains official orders and miscellaneous information concerning the department's activities and such other matter as should be brought to employees' attention.

Weekly weather and crop bulletin. Nos. 22–25, June 2, 9, 16, 23, 1931. Price, 50¢ a year, domestic; $1 a year, foreign.[1]

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

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[1] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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